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Science Fair Lit. Review

I have researched my project to a thorough extent that would allow me to complete a very fantastic science fair project. For my science fair project, I chose to do something that works with someone’s reaction time.

One project I read about was one where a 7th grade girl was testing to see whether or not 7th grade boys had faster reaction times then girls. In her experiment, she had subjects drop a 1.75m long PCP from different heights and she had the person catch them, she had her independent variable be whether it was a boy or girl and the dependent be the time it took to catch the falling pipe. This project can help me do mine because it can give me insight on how I might set up my project.

Another project I saw was similar, but the person would be catching a meter stick. The independent variable would be the height of which the stick was dropped and the dependent variable would be the reaction time. Some constants could be the ruler or the person or rig dropping the ruler. This project helped me with my project because it showed me some terms I should be familiar with like stimuli.

One last project I researched was if talking on a cell phone could affect a person’s reaction time if they were behind the wheel. What they did was they also dropped some sort or ruler and they had the person catch it, but they also had the person on the phone with them answering questions for a person while trying to catch the ruler. The independent variable was the height and maybe the depth of the conversation with the person on the phone. The dependent variable would be the time it takes them to catch the ruler.

Some equipment I would need to construct the best project I can would have to be a stop watch, something that could distract/hold the person’s attention, buzzers, lights, ??rulers??, and even maybe cell phones.

Some information I would need to carry out this project would have to be a detailed knowledge on certain vocabulary words to make my project sound nice. I would also need to be able to work any and all equipment to make my science fair project work. That would mean working a stop watch, buzzers, and maybe even lights and sounds. I would also have to require and fill out all the paper work and forms needed for my projects to make sure that everything is all right.

I will make my science fair project work. I will remember the 7 P’s. Prior Proper Planning Prevent Pitiful Poor Performance. I will have to make sure everything is done properly the first time and I would have to make sure I have people willing to help me with my project. With the right planning and the right amount of time put into this, it can work.

In conclusion, through my thorough research, I feel that I have adequate knowledge on my topic that would allow me to do my science fair project.

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